

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	35	(US-20040015275-\$ or US-20030236598-\$ or US-20070216771-\$ or US-20050065701-\$ or US-20040181321-\$ or US-20040049327-\$ or US-20030105560-\$ or US-20040227036-\$ or US-20070137514-\$ or US-20040267415-\$ or US-20060253234-\$ or US-20040006413-\$ or US-20040102877-\$ or US-20050068184-\$ or US-20050085961-\$ or US-20060041341-\$ or US-20050024198-\$ or US-20030137446-\$).did. or (US-4208717-\$ or US-5487516-\$ or US-6823242-\$ or US-6135396-\$ or US-5501416-\$ or US-4279395-\$ or US-4217643-\$ or US-3892377-\$ or US-3884437-\$ or US-4107253-\$ or US-3700886-\$ or US-6957131-\$ or US-5995881-\$ or US-5978718-\$ or US-5398894-\$ or US-5330136-\$ or US-6535143-\$).did.	US-PGPUB; USPAT	OR	ON	2009/01/20 13:33
L2	3	1 and coil and oscillator	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/20 13:33
L3	7	"562558".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/20 13:45
L4	2	1 and beacon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/20 13:47
L5	0	transponder same cluck	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/20 13:50

L6	21	1 and (alert\$4 or alarm\$4 or caution\$4 or warn\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/20 14:01
L7	10	1 and ((alert\$4 or alarm\$4 or caution\$4 or warn\$4) with (sound or aural or audi\$ or voice))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/20 14:01
L8	0	("2004/0267415").URPN.	USPAT	OR	ON	2009/01/20 15:08
L9	7	"855647".AP.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/20 15:08
L10	5	("5437422"   "5757291"   "5969643"   "6125311"   "6580976").PN. OR ("7089093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/20 15:08
S1	4	RAILSIDE WITH EQUIPMENT	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:02
S2	70	balise	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:02
S3	23355	(raliroad or locomotive or train) same (processor or ecu or controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:03
S4	290	wayside with equipment	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:03
S5	50	S3 and ((processor or ecu or controller) same ((detect\$4 or sens\$4) same (((speed or velocity) and brak\$4)) same display \$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:06
S6	1	S5 and atp and atps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:06
S7	12	S5 and ((transmit\$ or communicat\$4) same ((data or information) same (central\$4)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:09

S8	852	S3 and ((onboard or on-board) with (processor or ecu or controller))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:12
S9	17	S3 and (((onboard or on-board) with (processor or ecu or controller)) same (automatic\$ with (brak\$ or stop\$4)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:13
S10	2	S9 and (display\$4 with speed)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:14
S11	576	S3 and (wayside or balise or (ground with equipment))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:22
S12	30	S11 and ((raliroad or locomotive or train) same ((detect\$4 or sens\$4) same (speed same axle)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:23
S13	127	S3 and (narrow with space)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:39
S14	8	S3 and ((narrow with space) with communication)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 13:39
S15	1088	(raliroad or locomotive or train) same (wayside or (ground with equipment) or balise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 14:15
S16	223	S15 and gps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:04
S17	85	S16 and (automatic\$4 with (brak\$4 or decelerat \$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:04
S18	23	S16 and ((automatic\$4 with (brak\$4 or decelerat \$4)) same (wayside or balise or (ground with equipment)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:05
S19	78	S16 and ((track or block) with occup\$)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:15

S20	19	S19 and ((automatic\$4 with (brak\$4 or decelerat\$4)) same (wayside or balise or (ground with equipment)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:16
S21	2	"5398894".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:17
S22	2	"4711478".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:17
S23	2	"5330136".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:18
S24	5	"narrow space communication"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 15:37
S25	8	balise and railroad	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 16:15
S26	26	balise and (railroad or train)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 16:15
S27	32	(US-20040015275-\$ or US-20030236598-\$ or US-20070216771-\$ or US-20050065701-\$ or US-20040181321-\$ or US-20040049327-\$ or US-20030105560-\$ or US-20040227036-\$ or US-20070137514-\$ or US-20040267415-\$ or US-20060253234-\$ or US-20040006413-\$ or US-20040102877-\$ or US-20050068184-\$ or US-20050085961-\$ or US-20060041341-\$).did. or (US-4208717-\$ or US-5487516-\$ or US-6823242-\$ or US-6135396-\$ or US-5501416-\$ or US-4279395-\$ or US-4217643-\$ or US-3892377-\$ or US-3884437-\$ or US-4107253-\$ or US-3700886-\$ or US-6957131-	US-PGPUB; USPAT	OR	ON	2009/01/16 16:16

		\$ or US-5995881-\$ or US-5978718-\$ or US-5398894-\$ or US-5330136-\$).did.				
S28	4	S27 and balise	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 16:16
S29	8	balise and atp	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 16:19
S30	158	(transponder same (coil same (oscillator)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 16:32
S31	99	S30 and resona\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 16:32
S32	82	S30 and (resona\$4 with frequency)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 16:32
S33	33	S32 and vehicle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 17:00
S34	5	S33 and (discriminat\$4 with frequency)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 17:06
S35	35	(US-20040015275-\$ or US-20030236598-\$ or US-20070216771-\$ or US-20050065701-\$ or US-20040181321-\$ or US-20040049327-\$ or US-20030105560-\$ or US-20040227036-\$ or US-20070137514-\$ or US-20040267415-\$ or US-20060253234-\$ or US-20040006413-\$ or US-20040102877-\$ or US-20050068184-\$ or US-20050085961-\$ or US-20060041341-\$ or US-20050024198-\$ or US-20030137446-\$).did. or (US-4208717-\$ or US-5487516-\$ or US-6823242-\$ or US-6135396-\$ or US-5501416-\$ or US-4279395-	US-PGPUB; USPAT	OR	ON	2009/01/16 17:08

		\$ or US-4217643-\$ or US-3892377-\$ or US-3884437-\$ or US-4107253-\$ or US-3700886-\$ or US-6957131-\$ or US-5995881-\$ or US-5978718-\$ or US-5398894-\$ or US-5330136-\$ or US-6535143-\$).did.				
S36	2	S35 and (balise and (cod \$4 or variable))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 17:09
S37	2	S35 and (balise and (cod \$4 or recod\$4 or variable))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 17:10
S38	1	S35 and (balise and international)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/16 17:13

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